

40486

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-960111AK
File ID : 40486
Call Sign : KCHL

LICENSEE: Martin Broadcasting, Inc.

1. Community of License. . . : San Antonio, Texas
2. Transmitter location. : 3900 Martin Luther
King Avenue
San Antonio, Texas

North Latitude. : 29° 24' 45"
West Longitude. : 98° 24' 52"

6. Antenna and ground system:
Attached

3. Transmitter(s): Type Accepted. See Sections 73.1660
73.1665 and 73.1670 of the Commission's rules)

4. Main Studio Location: (See Section 73.1125)
3900 Martin Luther King Avenue
San Antonio, Texas

5. Remote control location
Same

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None Required.

8. Frequency. : 1480 kHz

9. Nominal power (kW). : 2.5 Day 0.09 Night

Antenna input power (kW):

2.31 Day ☐ Non-directional antenna: current 6.4 amperes: resistance 56.4 ohms.
☒ Directional antenna

0.09 Night ☐ Non-directional antenna: current 1.26 amperes: resistance 56.4 ohms.
☒ Directional antenna

10. Hours of operation: Unlimited

11. Conditions. : ---

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

August 1, 1997

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. This license is subject to the right of control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

HKC:rao

FEDERAL
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COMMISSION



¹ This license consists of this page and pages 2 & 3

Dated: APR 23 1996

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two guyed uniform cross-section towers and one tapered self-supporting tower. All elements are series-excited vertical steel radiators. All elements effectively employ 40' of toploading. Theoretical RMS: 447.42 mV/m/km. Standard RMS; 470.02 mV/m/kM.

Height above Insulators: 120' (65° + 25° TL)

Overall Height: 123'

Spacing and Orientation: From reference tower #1(C), tower #2(E) is spaced 90° on a bearing 82°T and tower #3(W) is spaced 90° on a bearing 262°T.

Non-Directional Antenna: None used.

Ground System consists of 120-166' equally spaced, copper wire radials 30' x 30' ground screens at the base of each tower.

2. **THEORETICAL SPECIFICATIONS**

Towers:	#1(NC)	#2(E)	#3(W)
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Phasing:	Day: 0°	105°	-105°
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Field Ratio:	Day: 1.005	0.500	0.500
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3. **OPERATING SPECIFICATIONS**

Phase Indication*:

Day:	0°	98°	-94°
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Antenna Base

Current Ratio:

Day:	1.00	0.554	0.500
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Antenna Monitor Sample

Current Ratio:

Day:	1.00	0.93	0.96
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* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 115.5° True North. From the studio-transmitter building proceed 0.05 miles north on Hein Road to Martin Luther King Boulevard. From thence, turn east on Martin Luther King and proceed 0.05 to Upland Road. From thence, turn north on Upland and proceed 1.05 miles to IH-10 service road. From thence, turn east on IH-10 and proceed 1.6 miles to IH Loop 410 service road. From thence, turn south on IH Loop 410 proceed 2.3 miles to US Highway 87. From thence, turn east on Highway 87 and proceed 0.45 miles to the intersection of US Highway 87 and Lakeside Road. The monitor point is located in the center median of US Highway 87, on the west side of the intersection north of the "Do Not Enter" sign. This is point No. 12 on the original Complete Proof of Performance and is 3.73 kilometers from the transmitter. The field intensity measured at this point should not exceed 4.16 mV/m.

Direction of 48.5° True North. From the studio-transmitter building proceed 0.05 miles north on Hein Road to Martin Luther King Boulevard. From thence, turn east on Martin Luther King and proceed 0.05 to Upland Road. From thence, turn north on Upland and proceed 1.05 miles to IH-10. From thence, turn east and enter IH-10 and proceed 3.45 miles to Foster Road. From thence, turn north on Foster Road and proceed 0.5 miles. The monitor point is located on the east side of Foster Road at the center of a concrete culvert. The field intensity measured at this point should not exceed 2.5 mV/m.